



Application No.: 10/661,184

Atty. Dkt No.: UCF-370

JPW

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicant: Yuhua Li  
Serial No.: 10/661,184  
Filed: 09/12/2003  
For: ALL OPTICAL REGENERATION  
Examiner: Michael P. Mooney Group: 2883

Commissioner of Patents  
And Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450


Honorable Commissioner:

I enclose the following papers:

1. Election

Please enter the above correspondence.

Respectfully submitted

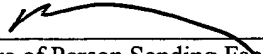
  
Brian S. Steinberger  
PTO Registration No. 36,423  
Client No. 23717  
101 Brevard Avenue  
Cocoa, FL 32922  
(321) 633-5080  
Facsimile (321) 633-9322

CERTIFICATE OF FACSIMILE

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Date

Brian S. Steinberger  
(Name of Person Sending Facsimile)

  
(Signature of Person Sending Facsimile)  
Customer No. 23717



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**ELECTION**

Sir:

In response to the Examiner's Action mailed March 21, 2005, Applicant elects to prosecute with traverse Species B, Embodiment 1, drawn to a 2R regeneration apparatus per figure 1 with a fiber parametric amplifier as disclosed in the spec. at page 7, lines 3-8; and as claimed in claims 1-4, 6-11, 16, 18, 19, 26-28, 30-35, 37, 38, 43, 44, 45, 49, and 50.

Based on the restriction requirement, Applicant lists embodiments as follows:

**Species A, Embodiment 1**, drawn to a 2R regeneration apparatus per figure 1 with a limiting amplifier as disclosed in the spec. from page 6, line 20 to page 7, line 2.

**Species B, Embodiment 1**, drawn to a 2R regeneration apparatus per figure 1 with a fiber parametric amplifier as disclosed in the spec. at page 7, lines 3-8.


**Species A, Embodiment 2**, drawn to a 3R regeneration apparatus that uses a pulsed light source with its timing provided by clock recovery as stated at page 7 lines 9-11.

**Species B, Embodiment 2**, drawn to a 3R regeneration apparatus that is different than the 2R regeneration apparatus and uses pulsed light source as stated at page 7 lines 9-11.

Applicant disagrees with the restriction requirement for several reasons. A policy consideration behind a restriction requirement would suggest that separate inventions exist that inherently would include separate prior art searches, examinations, examiners, etc. The Primary Examiner does not state that different art units and/or different examiners would need to search and examine the inventions of Species A and B, Embodiments 1 and 2. If Species A and B can be searched by the same art unit and further by the same examiner, then having different examiners conduct separate searches and examinations would not create an undue time and financial burden on both the patent office and on the applicant.

Again, in reference to the Restriction Requirement, Applicant elects to prosecute, with traverse, Species B, Embodiment 1, drawn to a 2R regeneration apparatus as claimed in claims 1-4, 6-11, 16, 18, 19, 26-28, 30-35, 37, 38, 43, 44, 45, 49, and 50.

Respectfully submitted:

  
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Brian S. Steinberger, Esq.  
Registration No. 36, 423  
Law Offices of Brian S. Steinberger, P.A.  
101 Brevard Avenue  
Cocoa, FL 32922  
Telephone: (321) 633-5080 Fax: (321) 633-9322

Date 7/15/08